

PROPOSAL FOR BRYAN AVE. BECK ST. REHABILITATION REPAIR CITY OF BRYAN

Item No.	Quantity	Units	Description & Unit Price in Words	Unit Price	Total Price
28	1	EA	5' Standard Bryan Curb Inlet on existing J.B., complete and in place.	\$ _____	\$ _____
29	4	EA	10' Standard Bryan Curb Inlet, complete and in place.	\$ _____	\$ _____
30	33	LF	12" PVC (ASTM D3034 SDR 26), complete and in place.	\$ _____	\$ _____
31	124	LF	12" PVC Perforated Drain (ASTM D3034 SDR 26), complete and in place.	\$ _____	\$ _____
32	165	LF	18" RCP (C76 CI III), complete and in place.	\$ _____	\$ _____
33	1270	LF	24" RCP (C76 CI III), complete and in place.	\$ _____	\$ _____
34	819	LF	30" RCP (C76 CI III), complete and in place.	\$ _____	\$ _____
35	1	LF	30" Sloped Headwall, complete and in place.	\$ _____	\$ _____

WATER LINE ITEMS

36	1	LF	Connect to Existing 12" Pipe, complete and in place.	\$ _____	\$ _____
37	① <i>Where?</i>	LF	12" x 2" Tapped M.J. Tee, complete and in place. <i>- Air Relief</i>	\$ _____	\$ _____
38	1	LF	12"x6" M.J. Reducer, complete and in place.	\$ _____	\$ _____
39	1	LF	6"x4" M.J. Reducer, complete and in place.	\$ _____	\$ _____
40	1	LF	Connect to Existing 4" Pipe, complete and in place. <i>8x4 Reducer</i>	\$ _____	\$ _____

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Item No.	Quantity	Units	Description & Unit Price in Words	Unit Price	Total Price
56	3	LF	2"x90 Degree M.J. Bend, complete and in place.	\$ _____	\$ _____
57	3	LF	8"x6" M.J. Tee, complete and in place.	\$ _____	\$ _____
58	3	LF	6"x6" M.J. Tee, complete and in place.	\$ _____	\$ _____
59	4	LF	12"x22.5 Degree M.J. Bend, complete and in place.	\$ _____	\$ _____
60	4	LF	Replace 2" Single Water Service, complete and in place.	\$ _____	\$ _____
61	4	LF	12"x45 Degree M.J. Bend, complete and in place.	\$ _____	\$ _____
62	5	LF	12"x6" M.J. Tee, complete and in place.	\$ _____	\$ _____
63	5	LF	Type 3 Fire Hydrant Assembly, complete and in place.	\$ _____	\$ _____
64	5	LF	8" Cap or Plug, complete and in place.	\$ _____	\$ _____
65	5	LF	6"x90 Degree M.J. Bend, complete and in place.	\$ _____	\$ _____
66	5	LF	8" x 45 Degree M.J. Bend, complete and in place.	\$ _____	\$ _____
67	6	LF	12" x 8" M.J. Tee, complete and in place.	\$ _____	\$ _____
68	6	LF	Connect to Existing 6" Pipe, complete and in place.	\$ _____	\$ _____
69	11	LF	6" M.J. Gate Valve & Box, complete and in place.	\$ _____	\$ _____
70	11	LF	8" M.J. Gate Valve & Box, complete and in place.	\$ _____	\$ _____

what is type 3?

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Item No.	Quantity	Units	Description & Unit Price in Words	Unit Price	Total Price
71	20	LF	4" PVC Water Line (C-900 CL 200), complete and in place.	\$ _____	\$ _____
72	20	LF	12" M.J. Gate Valve & Box, complete and in place.	\$ _____	\$ _____
73	46	LF	Replace Existing Service Lines (1") Single, complete and in place. <i>- double services?</i>	\$ _____	\$ _____
74	223	LF	2" PVC Waterline (ANSI 2241 CI 200), complete and in place.	\$ _____	\$ _____
75	345	LF	8" PVC Water Line (C-900 CL 200), complete and in place.	\$ _____	\$ _____
76	465	LF	6" PVC Water Line (C-900 CL 200), complete and in place. <i>what is this for?</i>	\$ _____	\$ _____
77	1370	LF	1" PVC Waterline (ANSI 2241 CI 200), complete and in place. <i>what is this for?</i>	\$ _____	\$ _____
78	4514	LF	12" PVC Water Line (C-900 CL 200), complete and in place.	\$ _____	\$ _____
79	56	EA	Re-Set Water Meter, complete and in place. <i>No - reconnect</i>	\$ _____	\$ _____

SEWER LINE ITEMS

80	680	LF	4" PVC Sanitary Sewer Line (D3034-SDR26), complete and in place.	\$ _____	\$ _____
81	145	LF	6" PVC Sanitary Sewer Line (D3034-SDR26), complete and in place.	\$ _____	\$ _____
82	5597	EA	8" PVC Sanitary Sewer Line (D3034-SDR26), complete and in place.	\$ _____	\$ _____
83	11	EA	Standard 4' Diameter Sewer Manhole, complete and in place.	\$ _____	\$ _____
84	10	EA	Standard 5' Diameter Sewer Manhole w Inside Drop, complete and in place.	\$ _____	\$ _____
84	1	EA	TV inspection / Identification of Sewer Service Locations, complete and in place. <i>delete</i>	\$ _____	\$ _____

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Item No.	Quantity	Units	Description & Unit Price in Words	Unit Price	Total Price
85	30	EA	Replace Sewer Service, complete and in place.	\$ _____	\$ _____
MISCELLANEOUS LINE ITEMS					
86	21	EA	Remove Existing Manhole, complete and in place.	\$ _____	\$ _____
87	8408	LF	Remove or Grout Fill Existing 6" Line, complete and in place.	\$ _____	\$ _____
88	1441	LF	Remove or Grout Fill Existing 8" Line, complete and in place.	\$ _____	\$ _____
89	1842	LF	6 X 4" PVC Elec Conduits + 4" F.O., complete and in place.	\$ _____	\$ _____
90	210	LF	6 X 4" PVC Elec Conduits + 4" F.O. By Bore, complete and in place.	\$ _____	\$ _____
91	1836	LF	3 X 4" PVC Telecom Conduits, complete and in place.	\$ _____	\$ _____
92	210	LF	3 X 4" PVC Telecom Conduits By Bore, complete and in place.	\$ _____	\$ _____
93	65	EA	Street Light and Foundation, complete and in place.	\$ _____	\$ _____
94	4450	EA	2" Conduit for street light, complete and in place.	\$ _____	\$ _____
95	17	EA	proposed-mailbox-brick-location, complete and in place.	\$ _____	\$ _____
96	33	EA	proposed-mailbox-location, complete and in place.	\$ _____	\$ _____
97	10	EA	Air spade and hand excavation under existing tree , complete and in place.	\$ _____	\$ _____
				\$ _____	\$ _____

Need double service

- h. Brick Paver sample
- i. Retaining Wall sample
- j. Retaining Wall Sealed Engineering Design

- SP17 USE OF PAVEMENT:** The contractor will be allowed to open fresh concrete pavement to local traffic (residents only) when the strength tests demonstrate 2000 psi and to full traffic when the strength tests demonstrate 3000 psi. The City of Bryan will pay for only the first five (5) test cylinders. Should the contractor request more than 5 cylinders, the additional cost shall be borne by the contractor.
- SP18 PROTECTION OF EXISTING TREES:** This project has many significant trees which will be impacted by this construction. These trees shall be protected to the greatest extent possible as outlined in the Tree Protection Specification. The contractor is responsible for replacing, at his expense, all trees or vegetation that are damaged as a result of his negligence (as defined by activities outside of the tree protection specification.)
- SP19 RETAINING WALL REQUIREMENTS:** The retaining walls shall be Keystone Half Century Wall, in the color of "Hill Country Limestone." The contractor shall provide sealed engineering calculations and construction drawings for the construction of the walls. The design shall make provisions for the drainage of the wall connecting to the proposed storm drain.
- SP20 WATER UTILITIES:** Some water customers may be affected by this construction. The Contractor will insure that no utility customer has their water service eliminated for more than 4 hours. The Contractor shall coordinate with the City Representative to notify all customers affected by construction 24 hours in advance of any shut downs.
- SP21 PLUMBING PERMIT:** The contractor shall be required to obtain a plumbing permit to work on private water and sewer services. The contractor will pay the cost of the permit but may obtain a single permit for the entire job. The cost associated with this requirement should be include in the mobilization bid item.
- SP22 WATER SERVICES:** Some water services along Beck Street are new and may remain in place. When a new service is affected by the construction, the contractor may not splice a copper service. All other water services shall be replaced with this project for the unit price shown in the bid documents. *At new services!*
- SP23 DROP MANHOLES:** When a drop manhole falls in the street, a 5' Diameter Manhole with an "Inside Drop" per the modified detail shown on S1 will be required.
- SP24 IDENTIFICATION OF SEWER SERVICES.** The contractor shall be responsible for the location and reconnection of ALL sewer services. The contractor shall obtain the services of a TV inspection company to identify the location of all sewer services. Some of the sewer lines along the project do not have cleanouts or manholes and are not accessible without the use of a backhoe to excavate the line. The City of Bryan will NOT provide this service for the contractor. All sewer services shall be reconnected for the unit price bid in the documents.
- SP25 RECONNECTION OF SEWER MAINS:** Where the sewerline connects to the existing system at the edge of the roadway, the connection of the proposed pipe to the existing pipe shall be made beyond the edge of the pavement using a Fernco coupling and a cast concrete collar. The assembly shall be inspected by the city of Bryan inspector prior to backfill.
- SP26 REINFORCED CONCRETE:** All reinforced concrete pipe shall be C76 class III with rubber gasketed joints per ASTM C443.
- SP27 PIPE CONCRETE JOINT SEALANT:** Sonneborn SL-1 will be required in all joints. G-Seal 605 by Greenstreak is considered an acceptable equivalent to Sonneborn SL-1 for all joint applications within the roadway and sidewalks on this project. Material shall be placed in accordance with all manufacturers' specifications.
- SP28 EXISTING FENCES:** Some existing fences encroach in the public right of way. Any fences in conflict with construction shall be moved to or replaced at the right of way. Any fencing moved or replace by construction shall be as good as or better than the existing fence. This work shall be considered part of the "demolition" bid item.

How does this work?

*Why?
Probably can't
TV line.
Needs
to be reworked*